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Application Number	10/008,630
Filing Date	11/13/2001
First Named Inventor	Edward G. Callway, et al.
Art Unit	2614
Examiner Name	NATNAEL, Paulos M.
Attorney Docket Number	1376-0100570

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Total Number of Pages in This Submission

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| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
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| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
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| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Ryan S. Davidson, Reg. No. 51,596
Signature	
Date	10-12-2004

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Signature	
Date	10/2/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Edward G. Callway et al.

Title: SYSTEM FOR IMPROVED RATIOMETRIC EXPANSION AND  
METHOD THEREOF

App. No.: 10/008,630 Filed: 11/13/2001

Examiner: NATNAEL, Paulos M. Group Art Unit: 2614

Customer No.: 34456 Confirmation No.: 5733

Atty. Dkt. No.: 1376-0100570

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**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action mailed July 21, 2004, please amend the above-identified application as follows:

Claim Amendments begin on page 2.

Remarks begin on page 10.

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<u>Judy Carey</u>	<u>[Signature]</u>
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